

GO KEM INC.

Safety Data Sheet PROFESSIONAL WOOD BLEACH PART A

SECTION 1: Identification

1.1 Product identifier

Product name	PROFESSIONAL WOOD BLEACH PART A
Brand	AUTO KARE
Substance name	SODIUM-HYDROXIDE Solution
CAS no.	1310-73-2

1.4 Supplier's details

Name	Go kem Inc.
Address	3351 Laughlin Rd. Zellwood, FL 32798 U.S.A.

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with OSHA (29 CFR 1910.1200)

- Corrosive to metals (chapter 2.16), Cat. 1
- Skin corrosion/irritation (chapter 3.2), Cat. 1A
- Toxic to reproduction (chapter 3.7), Cat. 2
- Acute toxicity, inhalation (chapter 3.1), Cat. 2

2.2 GHS label elements, including precautionary statements

Pictogram



Hazard statement(s)

H229
H290
H304
H305
H314
H316
H333

Pressurized container: may burst if heated
May be corrosive to metals
May be fatal if swallowed and enters airways
May be harmful if swallowed and enters airways
Causes severe skin burns and eye damage
Causes mild skin irritation
May be harmful if inhaled

Precautionary statement(s)

P201
P202
P210

P211

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
Do not spray on an open flame or other ignition source.

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P234	Keep only in original container.
P251	Do not pierce or burn, even after use.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash ... thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P284	[In case of inadequate ventilation] wear respiratory protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P312	IF INHALED: Call a POISON CENTER/doctor/.../if you feel unwell.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P308+P311	IF exposed or concerned: Call a POISON CENTER/doctor/...
P308+P313	IF exposed or concerned: Get medical advice/attention.
P310	Immediately call a POISON CENTER/doctor/...
P311	Call a POISON CENTER/doctor/...
P312	Call a POISON CENTER/doctor/... if you feel unwell.
P314	Get medical advice/attention if you feel unwell.
P320	Specific treatment is urgent (see ... on this label).
P321	Specific treatment (see ... on this label).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P390	Absorb spillage to prevent material damage.
P403+P233	Store in a well ventilated place. Keep container tightly closed.
P405	Store locked up.
P406	Store in a corrosive resistant/... container with a resistant inner liner.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501	Dispose of contents/container to ...

2.3 Other hazards which do not result in classification

SECTION 3: Composition/information on ingredients

3.1 Substances

Substance name	SODIUM HYDROXIDE Solution
CAS no.	1310-73-2
Other names / synonyms	SODIUM HYDROXIDE/ WATER 50/50 SOLUTION
Hazardous components	
1. Component 1 (trade secret)	
Concentration	5 - 15 %

SECTION 4: First-aid measures

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4.1 Description of necessary first-aid measures

General advice	ALWAYS WEAR PROTECTIVE CLOTHING, EYE AND HAND. Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
In case of skin contact	Wash off with soap and plenty of water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Non combustible liquid- use method for underlying cause of fire

5.3 Special protective actions for fire-fighters

Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined areas. Stay area from heads of containers that have been exposed to intense heat or flame.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.2 Environmental precautions

Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

6.3 Methods and materials for containment and cleaning up

Sweep up and shovel. Do not flush with water. Keep in suitable, closed containers for disposal. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13)

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Do not reuse container. Dispose of container according to local regulations. Follow ALL directions for use.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

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1. Component 1 (trade secret)

Worker - acute effects local (Dermal) (OSHA)

8.2 Appropriate engineering controls

use only wear adequate ventilation is available. Ideal to use outdoors staying upwind when using.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. For precautions see section 2.2.

Skin protection

wear gloves, protective apron.

Body protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Wear protective rubber apron.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Environmental exposure controls

Hydragen Peroxide TWA1 (ppm) from ACGIH (TLV) UNITED STATES

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Liquid
Odor	free and slightly hazey
Odor threshold	
pH	>13
Melting point/freezing point	no data
Initial boiling point and boiling range	210-295
Flash point	no data
Evaporation rate	<1
Flammability (solid, gas)	n/a
Upper/lower flammability limits	no data
Upper/lower explosive limits	no data
Vapor pressure	0 MM HG at 20*
Vapor density	vs. air>1
Relative density	vs. air >1
Solubility(ies)	complete
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	water
Explosive properties	

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Oxidizing properties

SECTION 10: Stability and reactivity

10.2 Chemical stability

no data available

10.3 Possibility of hazardous reactions

will not occur

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

acids, halogenated compounds, aluminum, brass, bronze, copper, lead, zinc, contact with certain metals may produce hydrogen gas.

10.6 Hazardous decomposition products

no data available

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

CAS# 1310-73-2 refer section 2

Skin corrosion/irritation

Standard Draize Test, Skin, Species: Rabbit, 500.00 MG, 24 H, Severe.

Result: Blood: Change in clotting factors. Musculoskeletal: Other Changes. "Sbornik Vysledku Toxikologickeho Vysetreni Latek A Pripravku," Institut Pro Vychovu Vedoucich P, Marhold, J.V. Institute Pro Vychovu Vedoucich, Pracovniki Chemickeho, Prumyclu Praha Czechslovakia, Vol/p/yr:-7 1972

Serious eye damage/irritation

Standard Draize Test, Eyes, Species: Rabbit, 1.000% Severe

Result: Blood: Other hemolysis with or without anemia.

Blood: Other changes

Biochemical: Metabolism (intermediary) Other proteins.-

American Journal of Ophthalmology., Ophthalmic Pub. Co., 435 N. Michigan Ave., Suite 1415 Chicago IL 60611, Vol/p/yr:29, 1363, 1946.

Carcinogenicity

no data

Reproductive toxicity

no data

SECTION 12: Ecological information

Toxicity

not tested as a whole

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SECTION 13: Disposal considerations

Disposal of the product

Offer surplus and non-recyclable solutions to a licensed disposal company.

SECTION 14: Transport information

DOT (US)

UN Number: un1824

Class: 8

Packing Group: II

Proper Shipping Name: Sodium Hydroxide Solution

Reportable quantity (RQ):

Marine pollutant:

Poison inhalation hazard:

IMDG

UN Number:

Class:

Packing Group:

EMS Number:

Proper Shipping Name:

IATA

UN Number:

Class:

Packing Group:

Proper Shipping Name:

SECTION 15: Regulatory information

15.2 Chemical Safety Assessment

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.

SECTION 16: Other information

16.1 Further information/disclaimer

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